CTEK™

The smartest battery charger in the world!

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That's why a CTEK charger!

Save money!
Neglecting your battery will definitely reduce it's life. CTEK battery chargers provide you with maximum battery life.

Save the environment!
CTEK battery chargers prolong battery life. It benefits the environment if each battery can be used as long as possible.

Avoid problems!
Easily connect your CTEK battery charger in just seconds – and leave it connected until the next time you need the battery.

Save time!
CTEK battery chargers require far less charging time than many conventional chargers. In surprisingly short order your battery is ready to go.

Avoid disappointments!
A dead battery can ruin your day. CTEK battery chargers with pulse maintenance ensure that your battery is ready when you are.

Don't short-change your safety!
With conventional chargers you have to contend with both explosive gases and sparks. CTEK controls the gases and features patented spark protection technology. All CTEK chargers can be used outdoors.

XC 800

Charger for 6 Volt batteries

The XC 800 is a full-featured 6 V charger in mini format. It gives the batteries of your vintage vehicle a new life. XC 800 charges small batteries that hold as little as 1 Ah, up to the biggest tractor batteries.

XS 800

Charges and maintains

The XS 800 easily charges all small batteries. It's perfect for your motorcycle, lawn mower or Jet Ski. The XS 800 is also an ideal maintenance charger for seasonal vehicles with batteries up to 100 Ah.

Safety

- Does not damage sensitive electronics
- Spark-free, short circuit-proof, and reverse polarity protected

MULTI XS 3600

Practical household charger

The MULTI XS 3600 is a multitasker in compact format. It replaces all the chargers in your home. Switch between charging your lawn mower, the battery for your car or RV. The built-in cold-weather mode is perfect for flat batteries in the winter. The MULTI XS 3600 can even charge Gel and AGM batteries, where conventional transformer chargers cannot be used.

MULTI XS 7000

Universal charger for cars, boats, and RVs

The MULTI XS 7000 is suited for cars, boats, and RVs. This charger is ideal for year-round use. The Supply mode provides you with power even without a battery. It also works as a Memory Saver so you can unhook the battery without losing settings and codes in vehicle computer, anti-theft radios, keyless-entry systems, etc. The Boost mode reconditions your battery after deep discharging. Your battery will recover quickly and last longer.

Simplicity

- Pulse maintenance for maximum battery life
- Brings drained batteries back to life

MULTI XS 25000

Maximum power

The MULTI XS 25000 is powerful for batteries that require rapid charging: in your RV, boat, or workshop. The charger automatically adjusts the charge to the battery's temperature. The MULTI XS 25000 has the same handy Supply-mode as the MULTI XS 7000.
The MULTI XS 25000 features built-in functions that analyse the status of your battery. Maintenance charging uniquely combines battery requirements of high capacity and long life.

MULTI XT 140000

24 Volts for heavy vehicles

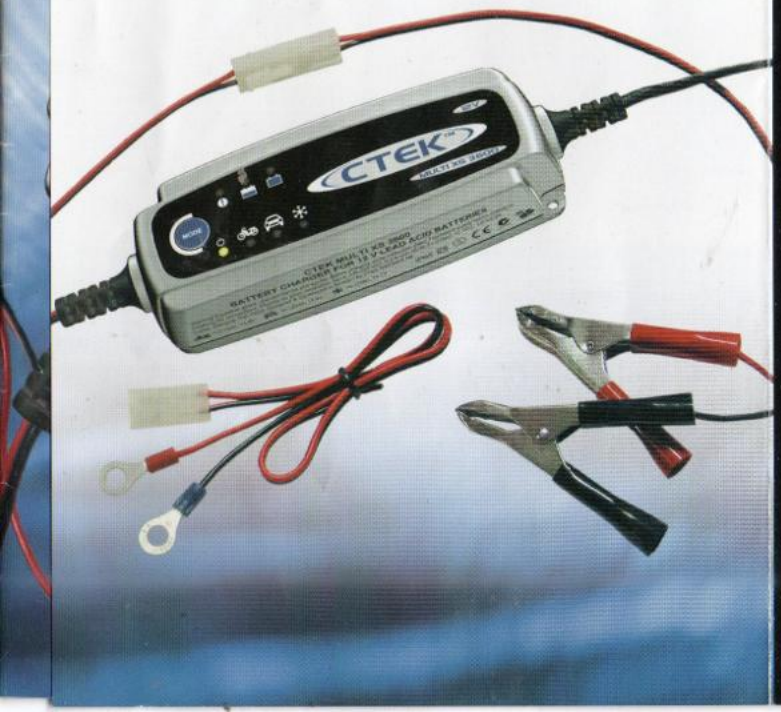
The MULTI XT 14000 features the same functions as the MULTI XS 25000 but is intended for 24 Volt batteries. The ideal charger for buses, trucks, and large boats. The analysis functions help you keep your batteries ready to go at all times.

Flexibility

- Fits all lead-acid battery types, Flooded, MF, Gel, AGM
- Able to wake up sulphated batteries

Now charging batteries is easier than ever!

CTEK offers a range of smart and practical battery chargers for all types of lead-acid batteries. CTEK battery chargers can be connected for long periods of time in protective pulse maintenance mode. The charger is safe for use with all electronics, so you don't have to disconnect the battery from the vehicle. It's also spark-free, short circuit-proof, and reverse polarity protected. CTEK can charge drained and sulphated batteries. Even if the mains voltage is as low as 170 Volts the CTEK chargers give your battery a perfect charge. The CTEK range of battery chargers is approved for outdoor use.



Quick Reference

Below is a summary of CTEK battery chargers, recommended for different areas of use.

Lawn mowers
- The XS 800 is the natural choice for maintaining lawn mowers or garden tractors.
- The MULTI XS 3600 provides faster charging and greater flexibility.

Cars and tractors
- The XS 800 works well for maintenance charging.
- The MULTI XS 3600 combines a good maintenance charger with the capacity to charge a car battery overnight.
- The MULTI XS 7000 provides more power and its Supply function can also simplify battery replacement.
- The MULTI XS 25000 is a heavy-duty charger capable of charging a completely drained battery in short order. The charger can also be used as a power source.
- The XC 800 is ideal for older vintage cars that use 6 Volts.

Heavy vehicles – trucks, tractors, buses
- The MULTI XT 14000 maintains and charges 24 Volt systems.
- An alternative is to use one MULTI XS 7000 for each 12 Volt battery. The individual treatment of each battery prolongs battery life.

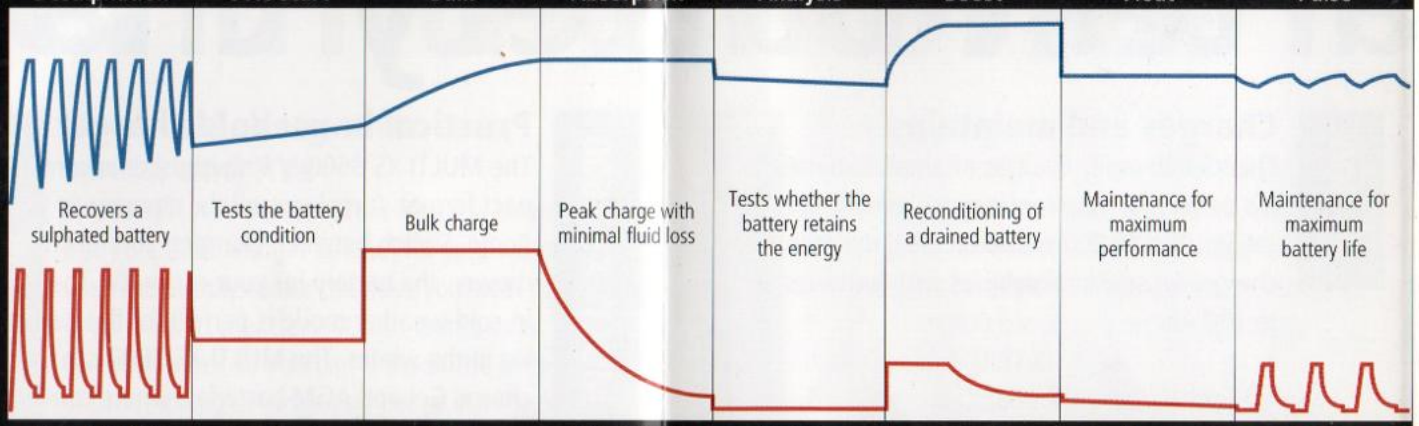
RVs
- The MULTI XS 3600 can handle campers without too much extra equipment.
- The MULTI XS 7000 provides more power and can also be used in the absence of batteries.
- The MULTI XS 25000 provides plenty of power for demanding users.

MC
- The XS 800 is an economical charger that can provide maintenance throughout the winter.
- The MULTI XS 3600 provides faster charging and greater flexibility.
- The XC 800 is ideal for older vintage motorcycles that use 6 Volts.

Snowmobiles
- The XS 800 charges and maintains batteries.
- The MULTI XS 3600 has a special winter charge mode.

Boats
- The XS 800 is water resistant and is ideal for Jet Skis.
- The MULTI XS 3600 is perfect for the smaller boat or the starter battery.
- The MULTI XS 7000 is ideal for leisure batteries.
- The MULTI XS 25000 is best for boats with larger batteries or requirements for fast charging.
- The MULTI XT 14000 is ideal for large boats with 24 Volt systems.

Eight steps to perfect batteries



	Desulphation	Soft Start	Bulk	Absorption	Analysis	Boost	Float	Pulse
C 800	Yes		0,8 A	7,2 V				Yes
S 800	Yes		0,8 A	14,4 V				Yes
ULTI XS 3600	Yes		0,8/3,6 A	14,4/14,7 V				Yes
ULTI XS 7000	Yes	Yes	7 A	14,4/14,7 V		Yes	Yes	Yes
ULTI XS 25000	Yes	Yes	25 A	14,4 V	Yes	Yes	Yes	Yes
ULTI XT 14000	Yes	Yes	14 A	28,8 V	Yes	Yes	Yes	Yes

Technical data

	XC 800	XS 800	MULTI XS 3600	MULTI XS 7000	MULTI XS 25000	MULTI XT 14000	Notes
oltage	6 V	12 V	12 V	12 V	12 V	24 V	
urrent ripple (%)	2%	2%	3%	4%	4%	4%	Modern batteries require pure current. Should be below 5%. Older chargers can have 400%.
ck current drain h/month)	<1	<1	<1	<2	<2	<2	The energy that a charger not connected to mains takes from the battery. Common in >30 Ah/month.
inimum battery	1.2 Ah	1.2 Ah	1.2 Ah	14 Ah	50 Ah	28 Ah	
ax. battery, charging	100 Ah	32 Ah	75 Ah	150 Ah	500 Ah	300 Ah	Bigger batteries will require longer bulk charge time than 20 hours.
ax. battery, maintenance	100 Ah	100 Ah	120 Ah	225 Ah	500 Ah	500 Ah	
mensions (mm)	142x51x36	142x51x36	165x61x38	191x89x48	233x128x64	233x128x64	Length x Width x Height
eight	0,3 kg	0,3 kg	0,5 kg	0,8 kg	1,4 kg	1,4 kg	
sulation	IP 65 (Splash and dust-proof)				IP 44 (Outdoor use)		
uick coupling	Yes	Yes	Yes				

Bulk charge time for about 80% charge (h) All charger models have pulse maintenance charging

attery size	XC 800	XS 800	MULTI XS 3600	MULTI XS 7000	MULTI XS 25000	MULTI XT 14000	
Ah	2	2	1				Bulk charge time is the time it takes to charge a completely drained battery to about 80% capacity. Added to this is the time for Absorption and Boost, if any.
Ah	8	8	2				
Ah	20	20	5	3			
Ah	60	60	15	8	2	4	
0 Ah	>80	>80	25	12	3	5	Recommended
5 Ah				25	7	13	Useable
0 Ah					16	28	Not recommended

CTEK designs and develops a unique range of compact and flexible chargers for high performance batteries. Catering for both consumer and professional users, CTEK's chargers can be used for automotive, marine, outdoor power equipment, lawn & garden as well as recreational and off-road vehicle applications. Through years of advanced research in battery electrochemistry and electronics, combined with cutting edge product design, CTEK has developed a complete range of advanced battery chargers in the range 10W to 400W.

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Developed and designed in Sweden with several patented functions.

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